

**Abstract Of The Disclosure**

**[0071]** A control system for an automotive vehicle having a vehicle body includes a cluster of vehicle dynamic sensors, the output signals from the sensors (Yaw Rate Sensor, Roll Rate Sensor, Longitudinal Acceleration Sensor, Lateral Acceleration Sensor) are corrected for errors by removing the zero output DC bias. Such bias constitutes an error that may occur as a result of temperature changes, manufacturing defects, or other factors. The system also compensates for the drift in the sensor output signals that occur during vehicle operation.